



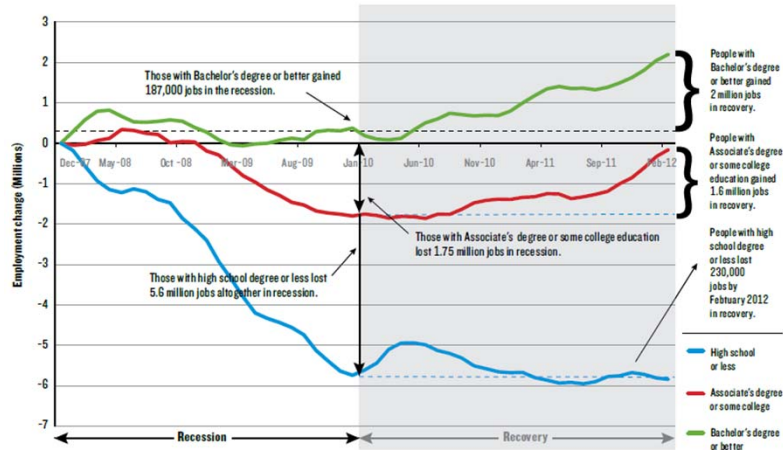
Education Policy and College Readiness in Illinois

Janet Holt, PhD
Executive Director,
Illinois Education Research Council

October 8, 2014
Focus on Illinois Education Research Symposium
Bloomington, IL

THE DEGREE PRODUCTION PROBLEM

New Workforce Needs

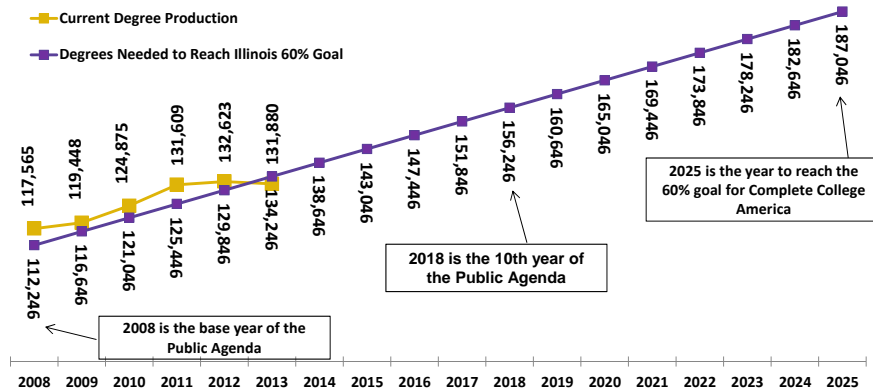


Sources: Recovery 2020. Georgetown Center for Education and the Workforce
Illinois Board of Higher Education

3

Reaching the Goal

Goal of 60% x 2025



Source: Illinois Board of Higher Education

4

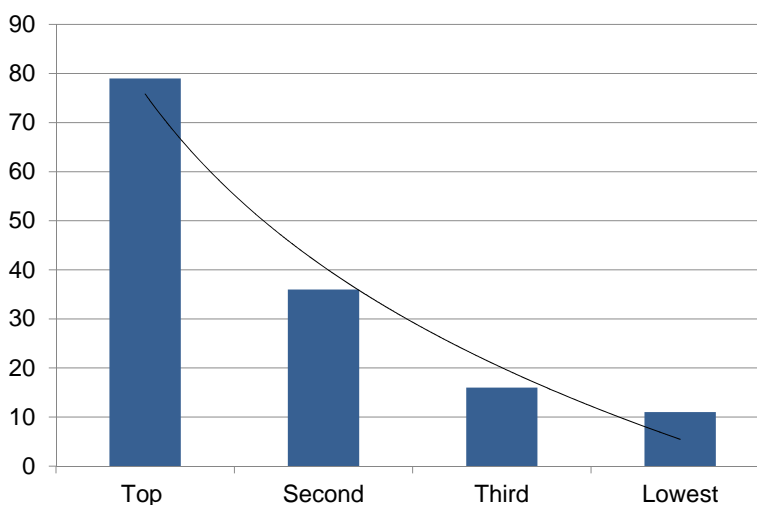
Challenges

- Disparity in degree attainment by income
- Disparity in degree attainment by high school achievement profile
- Disparity in degree attainment by Racial/Ethnic group
- Disparity in degree attainment by Region



5

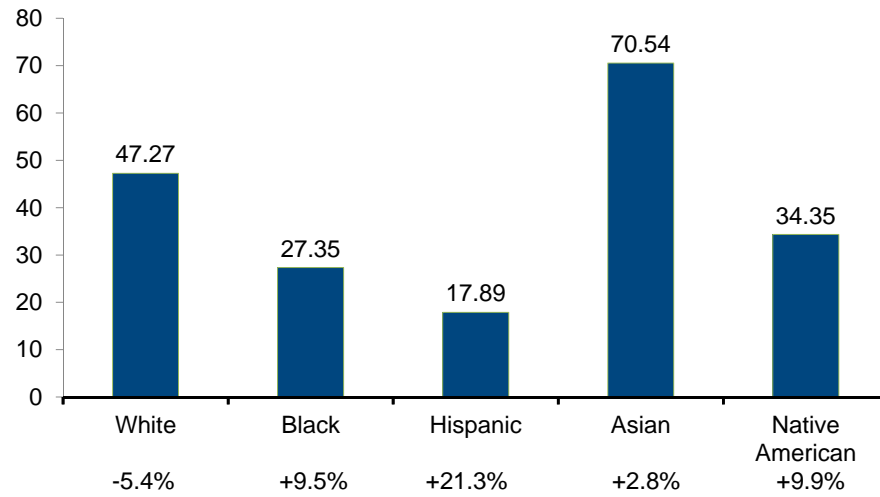
U.S. Bachelor's Degrees by Income Quartile



Sources: US 2010 Census
Illinois Board of Higher Education

6

Degree Attainment, Illinois workforce age 25-64

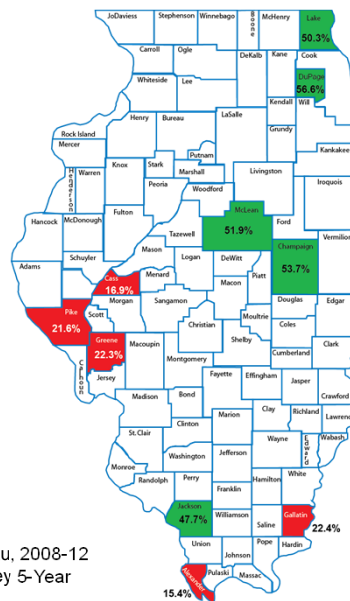


Sources: US 2010 Census
Illinois Board of Higher Education



7

By Region



Source: U.S. Census Bureau, 2008-12
American Community Survey 5-Year
Estimates



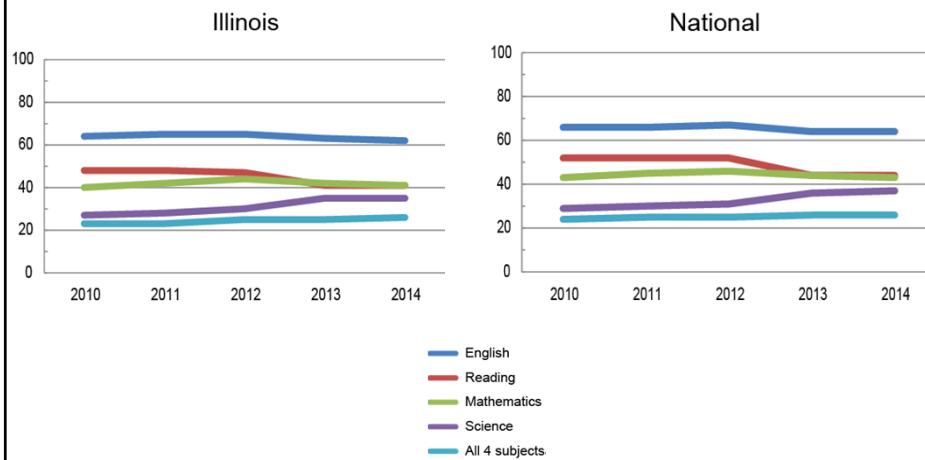
8

ACT COLLEGE AND CAREER READINESS



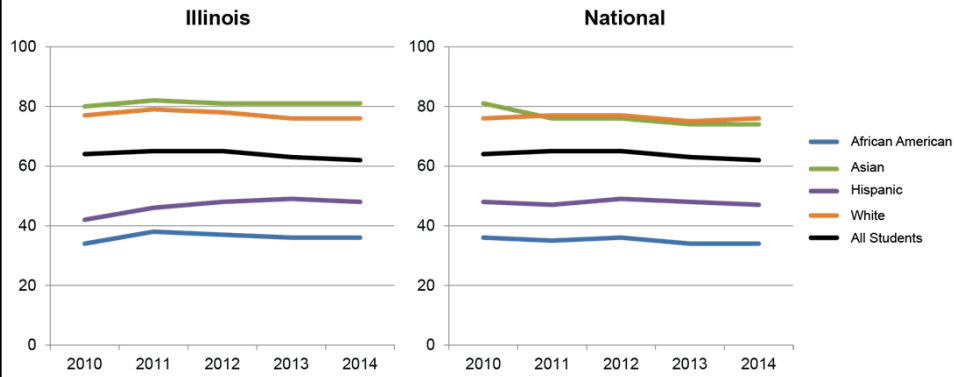
9

College and Career Readiness 5-Yr Trends



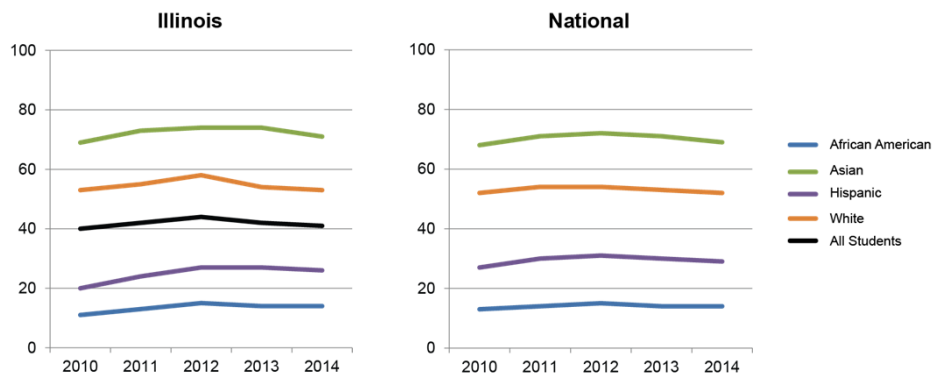
10

Percentage of High School Graduates Meeting ACT College and Career Readiness Benchmarks in *English* by Race/Ethnicity



11

Percentage of High School Graduates Meeting ACT College and Career Readiness Benchmarks in *Mathematics* by Ethnicity



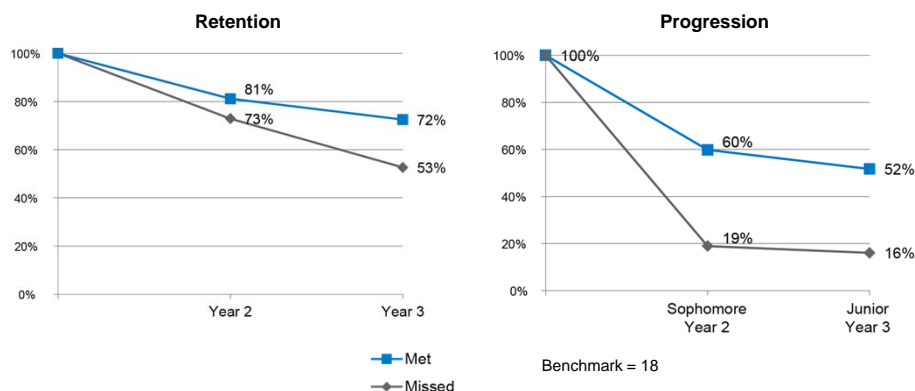
12

RELATIONSHIP OF COLLEGE READINESS TO COLLEGE OUTCOMES



13

Retention Rate and Class Progression by ACT *English* Benchmark

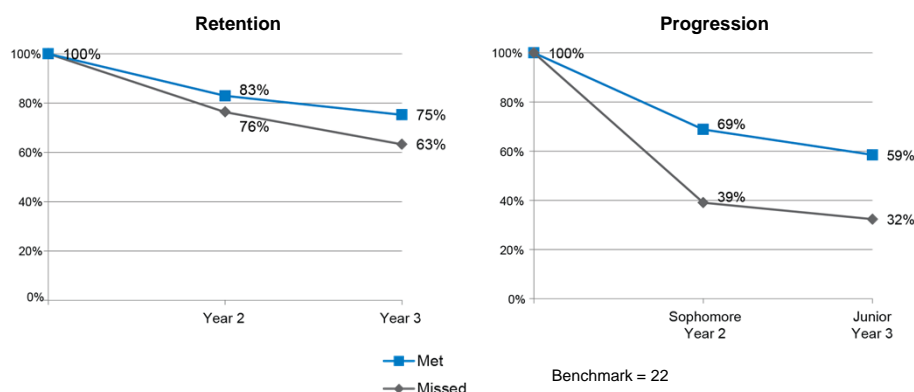


Source: Holt, White & Lichtenberger (2013). Illinois Education Research Council



14

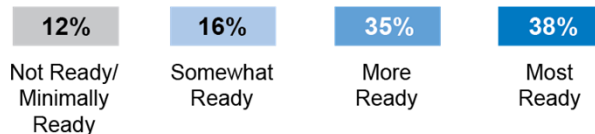
Retention Rate and Class Progression by ACT Math Benchmark



Source: Holt, White & Lichtenberger (2013). Illinois Education Research Council

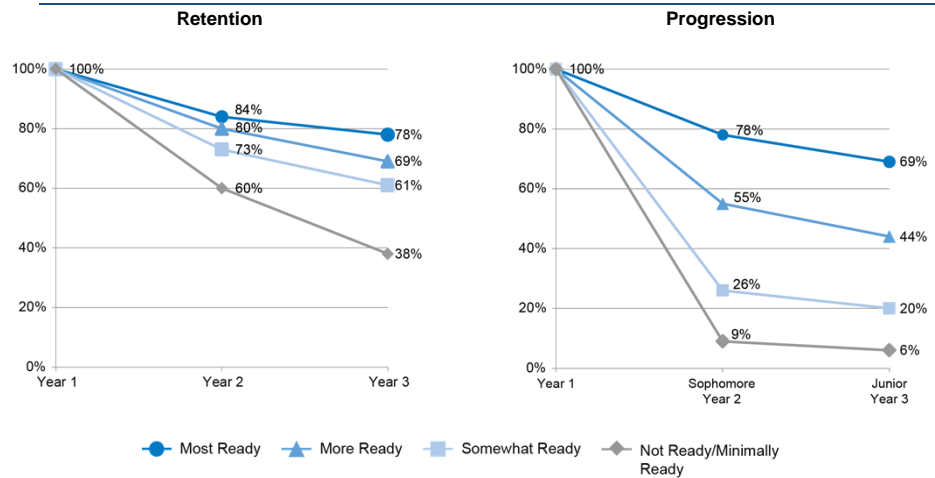
Distribution of IERC College Readiness Index

ACT	Self-Reported High School GPA				
	≤2.4	2.5 - 2.9	3.0 - 3.4	3.5 - 4.0	Missing
<20	4.4%	5.4%	4.7%	2.2%	0.9%
20-22	1.0%	6.6%	10.6%	7.4%	1.5%
23-25	0.7%	5.4%	9.6%	11.3%	1.6%
> 25	0.3%	2.6%	5.5%	17.3%	1.2%



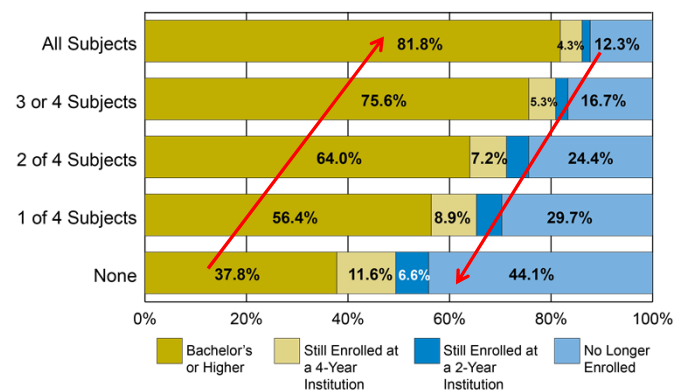
Source: Presley & Gong (2005). Illinois Education Research Council

Retention Rate and Class Progression by IERC College Readiness Index



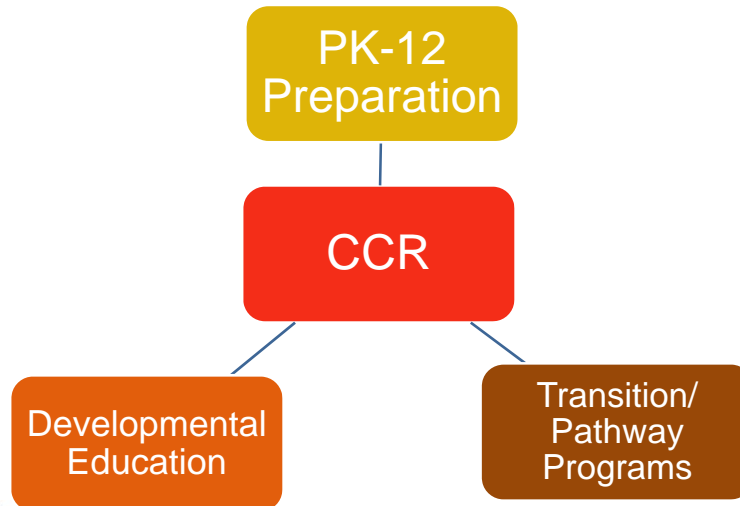
Source: Holt, White & Lichtenberger (2013). Illinois Education Research Council

College Readiness Related to Bachelor's Degree Completion



Source: Lichtenberger & Dietrich (2012). Illinois Education Research Council

3 Tracks to College & Career Readiness



PK – 12 PREPARATION

Early Childhood Initiatives

Illinois Goals

- 80% of all children demonstrate full readiness at K by 2021
- KIDS survey to measure kindergarten readiness implemented by 2016
- For children from high poverty families:
 - Will receive high quality early learning services
 - By 2015: 65% will have at least one year and 10% will have five years

Recent Governor's Office Symposium at NIU

- College and Career Readiness begins at birth
 - Integrating birth to 3rd grade policies and practices to improve learning outcomes



/ 21

State Changes to Ensure CCR

Common Core:

- Goal is to increase content mastery and foster more critical thinking
- Fewer topics taught in more depth
- Emphasis on applying topics in real world settings
- ELA and Math
- Next Generation Science Standards adopted by IL, February 2014



/ 22

State Metrics to Track CCR

New State Report Card: Illinoisreportcard.com

- Freshman on-track indicator in SY14
- 5Essentials data on school climate (student level data currently available for 87% of schools, scores on 5 essential areas available in SY14)
- Student growth (for accountability purposes)
 - Value added tables of school growth
 - Student learning objectives and growth targets
- PARCC Assessments
 - SY14 beginning PARCC assessments online
 - Aligned with Common Core



23

Dual Credit Quality Act of 2009

Legislated Goals:

- Reduce college costs
- Speed time to degree completion
- Improve curriculum alignment
- Facilitate transition between secondary and post-secondary enrollment
- Enhance communications between high schools and colleges
- Offer opportunities for degree attainment for underserved populations



24

Dual Credit Dual Enrollment in Illinois

Dual Enrollment

- Academically qualified high school students concurrently participate in college-level courses and receive college credit

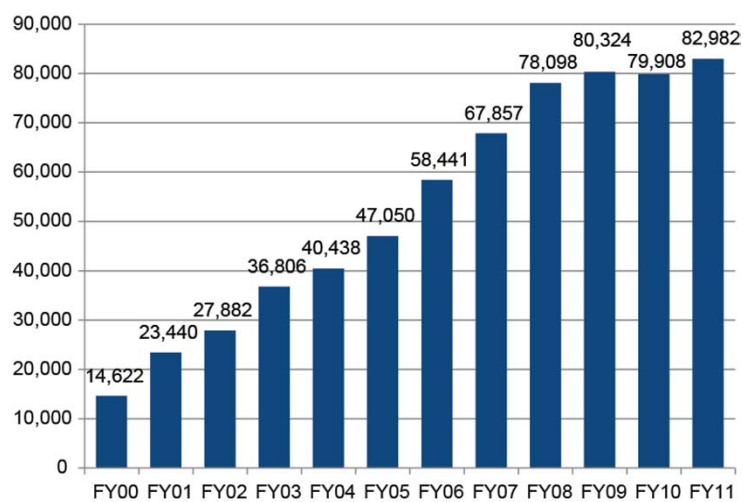
Dual Credit

- Academically qualified high school students participate in college-level courses and receive *both* high school and college credit upon completion
- Dual credit courses can be taught in the high school, on the campus of a postsecondary institution, or another location, online, or through distance learning
- Dual credit standards and course content are college level
- Dual credit instructors meet community college faculty requirements



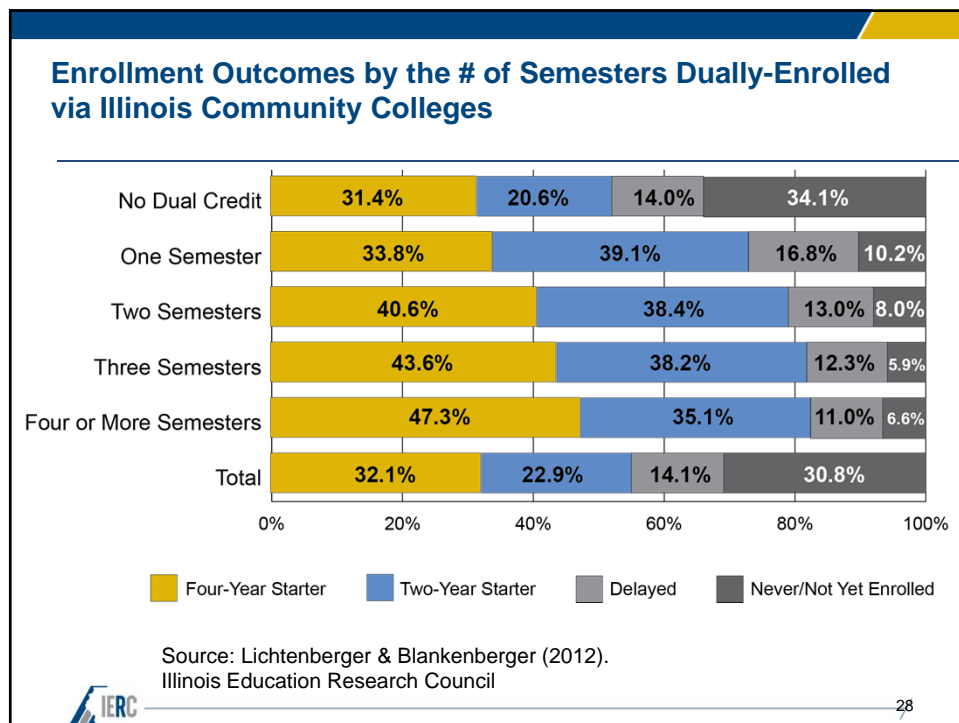
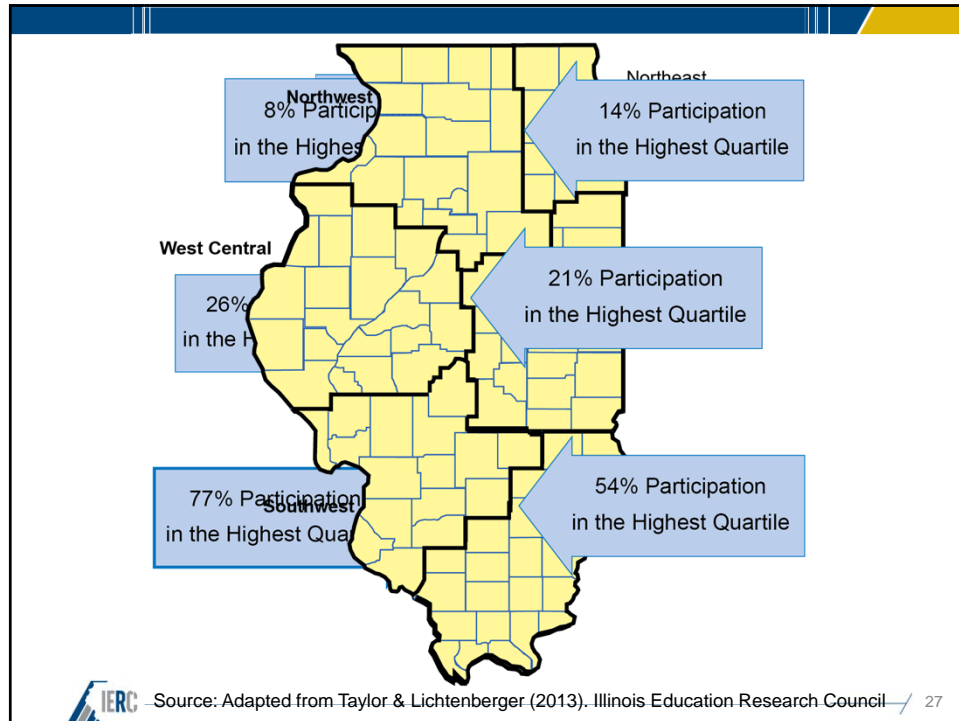
/ 25

Community College Dual Credit Enrollments



SOURCE: ICCB SU/SR Data

/ 26



DEVELOPMENTAL EDUCATION

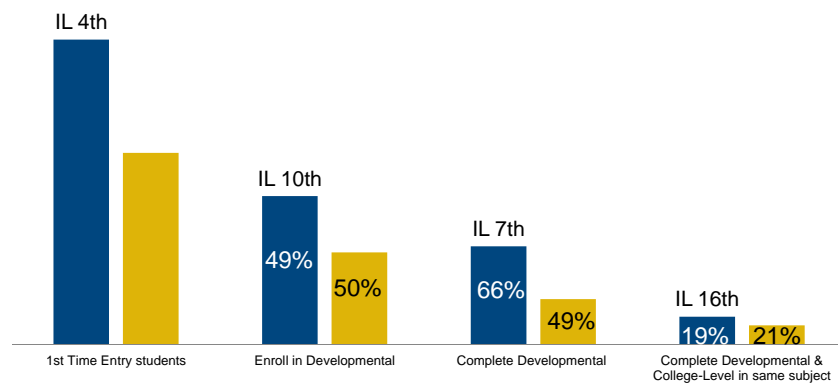


29

Developmental Education

Student Success in Developmental Education - 2007

■ Illinois ■ Average in Participating States



Source: Complete College American Progress Report (2012). ICCB.



30

Developmental Education Reforms -

- **Compression** – Combining 2 or more traditional dev ed courses into a semester to allow completion of dev ed requirements in a shorter period of time
 - Number of instructional hours typically unchanged
- **Linked courses** - Create learning communities by linking courses
 - Creates cohorts of students
 - Can be thematized
- **Modularization** – Breaks content into smaller pieces and tailors content to academic needs and major requirements
- **Contextualized Co-Requisite Model** – Enrolls students in remedial and college-level courses in the same subject at the same time

Source: CCRC (2013, June).



31

TRANSITION PROGRAMS



32

UIC Summer College

- Five week program designed to help ease the transition from high school to college for incoming freshman
- Students have to opportunity to attend workshops in writing, math, and science.
- There are also several seminars and events to attend
 - Seminars include discussions on financial management, Housing, Career Services, and other Campus services
 - They also include social and cultural topics
- The goal is to help alleviate the need for remediation in the first term
 - 92% of students in the math workshop received a new placement
 - 82% of students in the writing workshop received a new placement

Source: Moss, T. (2013, October).



33

UIS Concurrent Enrollment Model

- “1+2+1” model
- Students take 1 year of just community college, then 2 years of concurrent enrollment in the community college and UIS, and 1 year just at UIS
 - UIS courses are taken online
- Helps ease the transition between community college and 4 year universities
 - Also provides the most cost effective way to receive a Bachelor’s degree
- When the student is enrolled in both schools, they are provided services from both including:
 - Academic advising
 - Tutoring
 - Library
 - Learning centers

Source: Schroeder & Weber. (2013).



34

PATHWAYS INITIATIVES



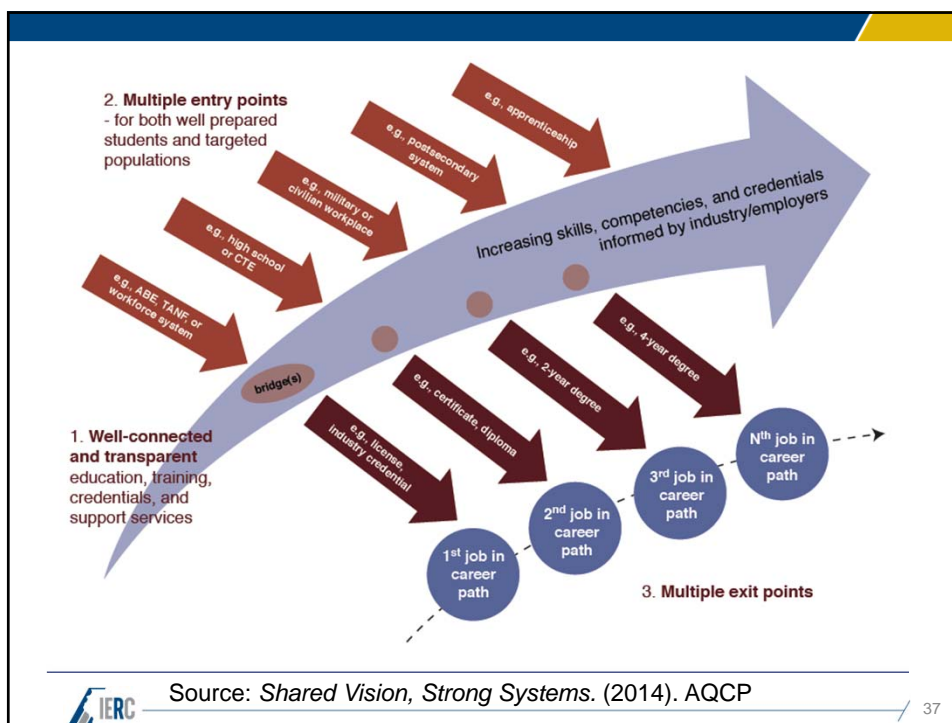
/ 35

Pathways Initiatives

- Transition to College
 - Academic, Non-Cognitive, and Transition Supports that facilitate easy college access from high school and for adult learners
- To College Success
 - Process for Progression through College that supports student with necessary advisement, course availability, and define course progressions that nudge student in right direction
- To Career Success
 - Provides for seamless pipeline between education/training and credentials to enter workforce, allows for progression to increasingly higher-skilled jobs, and provides necessary supports



/ 36



Examples of Pathways Initiatives in Illinois

Career Paths – Harper Community College

- Student selects 1 of 16 Career Clusters – e.g., Health Science
 - Student selects one of the Career Paths within the Cluster – e.g., Health IT
 - Health IT certificate (30 hrs)
 - Associate in Applied Science (32 additional hrs)
 - Bachelor's degree – articulated transfer to 4-yr institutions

Guided Pathways to Success at SIUC

- 120 cr hr standard for all Bachelor's degrees
- Early warning system for critical gateway math courses for STEM degrees
- Creating STEM cohorts for first 2-years of academic study in a STEM field

Next steps in Pathways

- Emphasis on beginning earlier with curriculum aligned to college readiness (P-20 perspective)
- Find models that work and scale up to similar contexts
- More coordination between HS and colleges
- Work on reducing time to degree (affordability big issue in IL and elsewhere)
- Research needed to determine which models most effective at producing on-time graduates, obtaining credentials and jobs, and successful re-entry to education system



/ 39

Concluding Remarks

- Challenges ahead in reaching 2025 goal, particularly with college readiness
- Many innovations occurring in educational system in Illinois
 - At all levels of education system
 - New educational landscape
 - P20 approach strong in Illinois
- Coordinated system of change may be what is needed
- May be difficult to attribute effects without RCTs
- Adopt metrics to track successes
- Listen to the data!



/ 40



Illinois Education Research Council

Southern Illinois University Edwardsville

Janet Holt, Executive Director

janholt@siue.edu

866-799-IERC (4372)

<http://www.siue.edu/ierc/>



/ 41

References

- ACT (2010). *The conditions of college and career readiness*. Retrieved from <http://www.act.org/research/policymakers/cccr11/pdf/CCCR11-NationalReadinessRpt.pdf>
- ACT (2010) *The conditions of college and career readiness: Illinois*. Retrieved from <http://www.act.org/newsroom/data/2011/states/pdf/Illinois.pdf>
- ACT (2011). *The conditions of college and career readiness*. Retrieved from <http://www.act.org/research/policymakers/cccr11/pdf/CCCR11-NationalReadinessRpt.pdf>
- ACT (2011) *The conditions of college and career readiness: Illinois*. Retrieved from <http://www.act.org/newsroom/data/2011/states/pdf/Illinois.pdf>
- ACT (2012) *The conditions of college and career readiness: Illinois*. Retrieved from <http://www.act.org/newsroom/data/2012/states/pdf/Illinois.pdf>
- ACT (2012). *The conditions of college and career readiness*. Retrieved from <http://www.act.org/research/policymakers/cccr12/pdf/CCCR12-NationalReadinessRpt.pdf>
- ACT (2013). *The conditions of college and career readiness*. Retrieved from <http://www.act.org/research/policymakers/cccr13/pdf/CCCR13-NationalReadinessRpt.pdf>



/ 42

References

- ACT (2013) *The conditions of college and career readiness: Illinois*. Retrieved from <http://www.act.org/newsroom/data/2013/states/pdf/Illinois.pdf>
- ACT (2014). *The conditions of college and career readiness*. Retrieved from <http://www.act.org/research/policymakers/cccr13/pdf/CCCR13-NationalReadinessRpt.pdf>
- ACT (2014) *The conditions of college and career readiness: Illinois*. Retrieved from <http://www.act.org/newsroom/data/2013/states/pdf/Illinois.pdf>
- Bragg, D., & Taylor, J. (2014). Toward college and career readiness: How different models produce similar short-term outcomes. *American Behavioral Scientist*, Retrieved from <http://abs.sagepub.com/content/early/2014/01/07/0002764213515231>
- Carnevale, A.P., Smith, N., & Strohl, J. (2013, June) Recovery: Job Growth and Education Requirements through 2020. Georgetown Center for Education and the Workforce.



References

- Complete College American Progress Report (2012). Illinois Community College Board. Retrieved from http://64.107.108.133/pdf/reports/cca2012/Combined_CCA_June2012.pdf
- CCRC (2013, June). *Strengthening Developmental Education Reforms: Evidence on Implementation Efforts From the Scaling Innovation Project*. CCRC working paper no. 61. Retrieved from <http://ccrc.tc.columbia.edu/publications/strengthening-developmental-education-reforms.html>
- Department of Commerce & Economic Opportunity (2013). Illinois Workforce Development Annual Report.
- Holt, Janet K., White, Bradford, & Lichtenberger Eric J. (2013). *Developing Indicators of Progress toward a College Degree*. Illinois Education Research Council at Southern Illinois University, Edwardsville. Retrieved from <http://www.siu.edu/ierc/publications/index.shtml>
- Illinois Board of Higher Education (2014, April) Report to IBHE Board. Retrieved from <http://www.ibhe.org/Board/agendas/2014/April/Default.htm>



References

- Illinois Community College Board (2012). Retrieved from http://www.iccb.state.il.us/pdf/reports/FY12_Dual_Credit_Data_Tables.pdf
- Illinois Community College Board (2012). *Dunham early college academy: Dual credit model for college readiness*. Retrieved from http://www.iccb.org/pdf/career_tech/postsecondary/dcsummit08/dunham.pp
- Johnston, G., Taylor, J. L. (2012) *Bridge programs in Illinois: Results of the 2011 Illinois bridge survey*. Retrieved from, http://occrl.illinois.edu/files/Projects/adult_bridge/Publications/Final%20Bridge%20Survey%20Report%202011.pdf
- Lichtenberger, Eric, & Blankenberger, Bob (2012, October). *Dual credit/ dual enrollment and data driven policy implementation: Reform initiatives and postsecondary credential attainment*. Illinois Education Research Council presentation made at the annual conference of National Alliance of Concurrent Enrollment Partnerships.
- Lichtenberger, Eric J. & Dietrich, Cecile. (2012). *College readiness and the postsecondary outcomes of Illinois high school students* (IERC 2012-1). Edwardsville, IL: Illinois Education Research Council at Southern Illinois University, Edwardsville. Retrieved from <http://www.siu.edu/ierc/publications/index.shtml>



References

- Moss, T. (2013, October). *UIC Summer College – Easing Transition with Academic Preparation*. Presented at Scaling Up: Effective Practices in Higher Education. Illinois State University.
- PARCC (2014). *Educator leader cadres*. Retrieved from, <https://www.parcconline.org/educator-cadres>
- PARCC (2013). *Engaging teacher voices: How your state can leverage PARCC's educator leader cadres to build and maintain support for key reforms*. Retrieved from, <https://www.parcconline.org/sites/parcc/files/ELC%20Guide%20for%20Policy%20makers-Final.pdf>
- Presley, J., & Gong, Y. (2005-3). *The Demographics and Academics of College Readiness in Illinois*. Edwardsville, IL: Illinois Education Research Council. Retrieved from http://www.siu.edu/ierc/publications/pdf/College_Readiness_2005-3.pdf



References

- Schroeder, R., & Weber, J. (2013, October). *1+2+1 Concurrent Enrollment Model at UIS*. Presented at Scaling Up: Effective Practices in Higher Education. Illinois State University.
- Taylor, J.L., & Lichtenberger, E. J. (2013). *Who has access to dual credit in Illinois? Examining high school characteristics and dual credit participation rates*. (IERC 2013 – 4). Edwardsville, IL: Illinois Education Research Council at Southern Illinois University.